

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. MP0369

First Inventor Feng, Welschi et al.

Title REDUCING NUMBER OF CONSECUTIVE ONES IN DATA  
DEPENDENT SCRAMBLER

Express Mail Label No. EL 623 307 475 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)  
Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 38]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the invention  
- Brief Summary of the invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]  
5. Oath or Declaration [Total Pages 2]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)  
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))  
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney  
11. ☐ English Translation Document (if applicable)  
12. ☒ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations  
13. ☐ Preliminary Amendment  
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)  
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)  
16. ☒ Request and Non Publication under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.  
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

23624

or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

|         |                             |           |              |          |              |
|---------|-----------------------------|-----------|--------------|----------|--------------|
| Name    | Marvell Semiconductor, Inc. |           |              |          |              |
| Address | 700 First Avenue            |           |              |          |              |
|         | Mail Stop 509               |           |              |          |              |
| City    | Sunnyvale                   | State     | CA           | Zip Code | 94089        |
| Country | United States               | Telephone | 408-222-2500 | Fax      | 408-752-9034 |

|                   |   |                                   |                  |
|-------------------|---|-----------------------------------|------------------|
| Name (Print/Type) | Michael D. Wiggins  | Registration No. (Attorney/Agent) | 34,754           |
| Signature         |  | Date                              | November 5, 2003 |

22241 U.S. PTO  
10/701661